

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20184	428/373 209/235 606/198 264/176.1 442/361 57/214 57/231 57/244 428/212	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 17:30
L2	4	((PATRICK) near2 (HOOK)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/16 17:30
L3	69	((KENNETH) near2 (EVANS)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/16 17:30
L4	7	((JONATHAN) near2 (HANNINGTON)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/16 17:30
L5	8	((CLAIRE) near2 (HARTMANN- THOMPSON)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/16 17:30
L6	10	((TIMOTHY) near2 (BUNCE)).INV.	US-PGPUB; USPAT	OR	ON	2010/11/16 17:30
L7	20267	L1 L2 L3 L4 L5 L6	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 17:30
L8	9009	428/212	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 17:30
L9	3558	428/373 209/235	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 17:30
L10	7815	7 not 8 not 9	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 17:30
S1	2	("4668557"   "5429869"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/20 15:09
S2	221	negative near4 poissons	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/20 15:11
S3	40	negative near4 poissons and auxetic	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:53
S4	2	"09936069"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:12

S5	95	negative near4 poissons and fiber	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:13
S6	22	auxetic not (negative near4 poissons)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:21
S7	62	auxetic	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:21
S8	36	auxetic not S5	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:21
S9	1	"5613334".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:48
S10	20	("2372048"   "2425883"   "2609586"   "2836529"   "4300321"   "4694622"   "5202186"   "5264262"   "5534318").PN. OR ("5613334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:48
S11	0	bicomponenet same yarn	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:07
S12	816	bicomponent same yarn	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:07
S13	78	(bicomponent same yarn). ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:07
S14	1	(bicomponent and yarn and high near modulus). ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:10
S15	6	yarn.ab. and first near modulus	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:13
S16	1	"20050159066".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:15
S17	0	("2005/0159066").URPN.	USPAT	OR	ON	2008/10/21 08:15
S18	1	"11018062"	USPAT	OR	ON	2008/10/21 08:15
S19	3	("4187390"   "4668557"   "6878320").PN. OR ("7247265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:16

S20	6	"bicomponent yarn".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:21
S21	194	"composite yarn".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:22
S22	0	"composite yarn".ti. and first near modulus	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:25
S23	0	"composite yarn".ti. and first near3 modulus	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:25
S24	9	"composite yarn".ti. and helix	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:26
S25	0	"composite braid".ti. and helix	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:27
S26	157	(fiber and helix).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:29
S27	1	"20070210011".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:32
S28	246	(interwoven and fiber).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:40
S29	1112	helix\$4 near fiber	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:41
S30	1	helix\$4 near fiber same first near3 modulus	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:41
S31	14	helix\$4 near fiber and first near3 modulus	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 08:41
S32	0	"057.ocls"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:41
S33	0	"57".ocls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:41
S34	32617	"57".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:42
S35	222	negative near4 poissons	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:42

S36	1	S34 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:42
S37	62	auxetic	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:42
S38	0	S34 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:42
S39	138	57/214.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:43
S40	67	57/231.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:53
S41	294	57/244.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 06:57
S42	18052	428/373 209/235 606/198 264/176.1 442/361 57/214 57/231 57/244 428/212	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 10:34
S43	2	((PATRICK) near2 (HOOK)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/30 10:34
S44	63	((KENNETH) near2 (EVANS)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/30 10:34
S45	1	((JONATHAN) near2 (HANNINGTON)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/30 10:34
S46	2	((CLAIRE) near2 (HARTMANN- THOMPSON)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/30 10:34
S47	8	((TIMOTHY) near2 (BUNCE)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/30 10:34
S48	1	"5429869".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 10:35
S49	2	09/653,571	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 10:45
S50	1	"6601378".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 10:47
S51	16	("3419059"   "3929180"   "4060516"   "4155394"   "4720943"   "4877073"   "5397527"   "5419383"   "5558144").PN. OR ("6601378").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 10:47

S52	1	"6601378".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:03
S53	21	("3419059"   "3929180"   "4060516"   "4155394"   "4720943"   "4877073"   "5397527"   "5419383"   "5558144").PN. OR ("6601378").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:04
S54	0	high near diameter with fiber same low near diameter with fiber same (cord yarn rope)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:08
S55	3	("4155394"   "4668557"   "5429869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:09
S56	21	high near diameter with fiber same low near diameter with fiber	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:14
S57	416	57/244 57/238	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:17
S58	402	57/244 57/238 and (diameter size thick\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:17
S59	284	57/244 57/238 and (diameter size thick\$5) with different	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:18
S60	63	(57/244 57/238) and (diameter size thick\$5) with different	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 01:28
S61	1	"4411129".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 10:53
S62	14	("3410080"   "3438193"   "4107909"   "4302925"   "4321789"   "4359856"). PN. OR ("4411129"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 10:53
S63	357	(57/244 57/238) and (diameter size thick\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 10:56
S64	26	("2477652"   "2755214"   "3395744"   "3429354"   "3625809"   "4024895"   "4240486"   "4261406"). PN. OR ("4343343"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 11:04

S65	3	("2477652").URPN.	USPAT	OR	ON	2010/11/16 11:09
S66	0	tire same yarn and glass with diameter and (organic synthetic resin) with diameter	USPAT	OR	ON	2010/11/16 11:36
S67	8	tire same yarn and glass with diameter and (organic synthetic resin) with diameter	USPAT	OR	ON	2010/11/16 11:36
S68	10	tire same yarn and glass with diameter and (organic synthetic resin) with diameter	US-PGPUB; USPAT	OR	ON	2010/11/16 11:37
S69	41	("0958046"   "1797249"   "2448782"   "2468304"   "2475083"   "2484125"   "2755214"   "2841516"   "2861417"   "3024589"   "3429354"   "3455100"   "3486546").PN. OR ("3631667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:02
S70	18	("1759410"   "2424743"   "2990870"   "3133584"   "3243338").PN. OR ("3776293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:23
S71	16	("3323975"   "3486546"   "3495646"   "3620280"   "3675409").PN. OR ("3857229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:23
S72	14	("3078653"   "3336743"   "3848406").PN. OR ("3938313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:24
S73	47	(S70 S71 S72)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:24
S74	45	S73 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:25
S75	1	"4028874".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:54
S76	22	("2552210"   "3643416"   "3675409"   "3722202"   "3769787"   "3831369"   "3857229").PN. OR ("4028874").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 12:54

S77	1	"6029096".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 14:00
S78	1	"6029096".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/16 14:04

**EAST Search History (Interference)**

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**11/ 16/ 2010 5:30:39 PM****C:\ Documents and Settings\ mnelson2\ My Documents\ EAST\ Workspaces  
\ 10551316\_\_auxetic helix fibers.wsp**